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Substitute for form 1449A/B/PTO				<b>Complete if Known</b>	
				Application Number	10/737180-Conf. #5500
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				Filing Date	December 15, 2003
				First Named Inventor	Jeffrey G. MOORE
				Art Unit	1651
				Examiner Name	L. B. Lankford
Sheet	1	of	8	Attorney Docket Number	0108236.00136US5

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
A/C	AA	US-10/737,180	12-15-2003	Moore	
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	AC	US-09/934,251	08-21-2001	Moore	
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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	BA	CN-8510796	01-25-1989			
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \* CITE NO.: Those application(s) which are marked with an single asterisk (\*) next to the Cite No. are not supplied (under 37 CFR 1.88(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IPW. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.18 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
Examiner Signature	LANKFORD		Date Considered 3/30/06

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CD	ARAR, C. et al., "ERGIC-53, A Membrane Protein of the Endoplasmic Reticulum-Golgi Intermediate Compartment is Identical to MR60, an Intracellular Mannose-Specific Lectin of Myelomonocytic Cells", <i>J. Biol. Chem.</i> , Vol. 270, No. 8, pp. 3551-3553, 1995		
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CJ	BARONDES, S. H. et al., "Bifunctional Properties of Lectins: Lectins Redefined", <i>Trends in Biochemical Science</i> , Vol. 13, pp. 480-482, 1988		
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CM	BERARDI, A. C. et al., "Functional Isolation and Characterization of Human Hematopoietic Stem Cells", <i>Science</i> , Vol. 267, pp. 104-108, 1995		
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	CZ	DOSIL, M. et al., "Mitogenic Signalling and Substrate Specificity of the Flk2/Flt3 Receptor Tyrosine Kinase in Fibroblasts and Interleukin 3-Dependent Hematopoietic Cells", <i>Molecular and Cellular Biology</i> , Vol. 13, No. 10, pp. 6572-6585, 1993
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	CK1	GABIUS, HJ et al., eds., <i>Lectins and Glycobiology</i> , Springer-Verlag Inc., New York, 1993
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	CM1	GANGULI et al., "A New Approach in Experimental Chemotherapy using Drug-Lectin Combination", <i>Ind. J. Med. &amp; Ped. Oncol.</i> , Vol. 16, pp. 148-155, 1995
	CN1	GELVIN, SB et al., <i>Plant Molecular Biology Manual</i> , Kluwer Academic Publishers, Dordrecht, The Netherlands, 1994
	CO1	GEORGE, DG et al., <i>Macromolecular Sequencing and Synthesis, Selected Methods and Applications</i> , pp. 127-149, 1988, Alan R. Liss, Inc.
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	CQ1	GOWDA et al., "The Complete Primary Structure of a Unique Mannose/Glucose-specific Lectin from Field Bean ( <i>Dolichos labl lab</i> )", <i>The Journal of Biological Chemistry</i> , Vol. 269, pp. 18789-18793, 1994
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	CW1	GUIGON, M. et al., "Inhibitory Peptides in Hematopoiesis", <i>Experimental Hematology</i> , US, New York, NY, Vol. 23, No. 6, pp. 477-481, 1995
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	CY1	HAMELRYCK et al., <i>J. Molec. Biol.</i> , Vol. 299, pp. 875-883, 2000
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	CO2	KEIL, B. et al., <i>FEBS Letters</i> , Vol. 56, No. 2, pp. 292-296, 1975
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CQ3	MODY et al., "Use of Lectins as Diagnostic and Therapeutic Tools for Cancer", <i>Journal of Pharmacological and Toxicological Methods</i> , Vol. 33, pp. 1-10, 1995		
CR3	MOORE, A.J.G. et al., "A new lectin red kidney beans called PvFRIL stimulates proliferation of NIH 3T3 cells expressing the Flt3 receptor", <i>BBA-General Subjects</i> , Elsevier Science Publisher, NL Vol. 1475, No. 3, pp. 216-224, 26 July 2000		
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CY3	NAGAI, K. et al., <i>Methods Enzymol.</i> , Vol. 153, pp. 461-481, 1987		
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			Application Number	10/737180-Conf. #5500	
			Filing Date	December 15, 2003	
			First Named Inventor	Jeffrey G. MOORE	
			Art Unit	1651	
			Examiner Name	L. B. Lankford	
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CB4	OKUDA et al., "Use of Phytohemagglutinin in the Treatment of Maxillary Cancer", <i>Arch Otorhinolaryngol</i> , Vol. 228, pp. 127-134, 1980
CC4	OPDENAKKER, C., et al., "Cells Regulate the Activities of Cytokines by Glycosylation", <i>The FASEB Journal</i> , Vol. 9, pp. 453-457, 1995
CD4	PAWLOSKI, K. et al., "Isolation of Total, Poly(A+) and Polysomal RNA from Plant Tissues", <i>Mol. Plant Biol. Manual</i> , Vol. 5, pp. 1-13, 1994
CE4	PEARSON et al., "Improved Tools for Biological Sequence Comparison", <i>Proc. Natl. Acad. Sci. USA</i> , Vol. 85, pp. 2444-2448, 1988
CF4**	PELTZER, A. I. et al., "Self-renewal of Primitive Human Hematopoietic Cells (long-term-culture-initiating cells) in vitro and Their Expansion in Defined Medium", <i>Proc. Natl. Acad. Sci. (USA)</i> , Vol. 93, pp. 1470-1474, 1996
CG4	PRYME et al., "Phytohemagglutinin-induced gut hyperplasia and the growth of a mouse lymphosarcoma tumor", <i>Journal of Experimental Therapeutics &amp; Oncology</i> , Vol. 2, pp. 171-176, 1996
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CM4	PUSZTAI, A. et al., <i>Lectins: Biomedical Perspectives</i> , Taylor & Francis, London, 1995
CN4	PUSZTAI et al., "Novel Dietary Strategy for Overcoming the Antinutritional Effects of Soybean Whey of High Agglutinin Content", <i>British Journal of Nutrition</i> , Vol. 77, pp. 933-945, 1997
CO4	REICHMAN et al., <i>Nature</i> , Vol. 332, pp. 323-327, 1988
CP4	RENZ, J. et al., "A Colorimetric Method for DNA Hybridization", <i>Nucleic Acids Res.</i> , Vol. 12, p. 3435, 1984
CQ4	RICHARDSON et al., <i>Nucleic Acids Res.</i> , Vol. 11, p. 6167, 1983
CR4	RICHTER et al., "The Action of Phytohemagglutinin in Rabbits", <i>Int. Arch. Allergy</i> , Vol. 35, pp. 417-433, 1969
CS4	RIGGS, P. et al., eds., <i>Current Protocols in Molecular Biology</i> , Greene Associates/Wiley Interscience, New York, 1990
CT4	ROBINSON et al., "Combinations of the Effect of Radiotherapy, Alkylating Agents and Phytohemagglutinin on Sarcoma 180 in Swiss Miss", <i>Europ. J. Cancer</i> , Vol. 9, pp. 125-131, 1973
CU4	RODHOUSE, JC et al., "Red kidney bean poisoning in the UK: an analysis of 50 suspected incidents between 1976 and 1989", <i>Epidemiol. Infect.</i> , Vol. 105, pp. 485-491, 1990
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CW4	ROEHM, NW et al., "An Improved Colorimetric Assay for Cell Proliferation and Viability Utilizing the Tetrazolium Salt XTT", <i>J. Immunol. Methods</i> , Vol. 142, No. 2, pp. 257-265, 1991
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Examiner Signature	Lankford	Date Considered	3/30/06
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		Art Unit	1651		
		Examiner Name	L. B. Lankford		
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	CA5	SANTIN et al., <i>Obstet. Gynecol.</i> , Vol. 96, No. 3, pp. 422-430, 2000	
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	CC5	SCHON et al., <i>J. Reprod. Immunol.</i> , Vol. 50, No. 2, pp. 87-104, 2001	
	CD5	SCHREK et al., "Radioresistance of Phytohemagglutinin-Treated Normal and Leukemic Lymphocytes", <i>J. Natl. Cancer Inst.</i> , Vol. 32, pp. 507-521, 1964	
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	CF5	SHARON N. et al., "Lectins as Cell Recognition Molecules", <i>Science</i> , Vol. 246, pp. 227-234, 1989	
	CG5	SMALL, D. et al., "STK-1, the Human Homolog of Flk-2/Flt-3, is Selectively Expressed in CD34 Human Bone Marrow Cells and is Involved in the Proliferation of Early Progenitor/Stem Cells", <i>PNAS</i> , Vol. 91, pp. 459-463, 1994	
	CH5	SMITH, DB, <i>Gene</i> , Vol. 67, pp. 31-40, 1988	
	CI5	SMITH, LM et al., <i>Nucleic Acids Res.</i> , Vol. 13, p. 2399, 1985	
	CJ5	SOUTHERN, PJ et al., <i>J. Mol. Appl. Genet.</i> , Vol. 1, pp. 327-341, 1982	
	CK5**	SPANGRUDE, G. J. et al., "Purification and Characterization of Mouse Hematopoietic Stem Cells", <i>Science</i> , Vol. 241, pp. 58-62, 1991	
	CL5	STEINMAN, Annu., <i>Rev. Immunol.</i> , Vol. 9, pp. 271-296, 1991	
	CM5	STENGELIN et al., <i>EMBO J.</i> , Vol. 7, No. 4, pp. 1053-1059, 1988	
	CN5	STUBBS, ME et al., "Production of Pea Lectin in Escherichia Coli", <i>J. Biol. Chem.</i> , Vol. 261, No. 14, pp. 6141-6144, 1986	
	CO5	SU et al., "Hematopoietic Stem Cell-Based Gene Therapy ...", <i>Blood</i> , Vol. 87, No. 7, pp. 2283-2290, 1997	
	CP5	SUBRAMANI, S. et al., <i>Mol., Cell Biol.</i> , Vol. 1, pp. 854-864, 1981	
	CQ5	TCHERNYCHEV, B. et al., "Natural Human Antibodies to Dietary Lectins", <i>FEBS Letters</i> , Vol. 397, pp. 139-141, 1996	
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	CT5	TURLEY et al., <i>Science</i> , Vol. 288, pp. 522-527, 2000	
	CU5	UHLEN, M. et al., <i>Gene</i> , Vol. 23, pp. 369-378, 1983	
	CV5	ULLMAN, <i>Gene</i> , Vol. 29, pp. 27-31, 1984	
	CW5	UNKELESS, J. C., "Characterization of a Monoclonal Antibody Directed Against Mouse Macrophage and Lymphocyte Fc Receptors", <i>J. Exp. Med.</i> , Vol. 150, pp. 580-596, 1979	
	CX5	URLAUB, G. et al., <i>Proc. Natl. Acad. Sci USA</i> , Vol. 77, pp. 4216-4220, 1980	
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	CB6	VAN ETEN, RA et al., <i>Cell</i> , Vol. 58, pp. 669-678, 1989	
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		Art Unit	1651
		Examiner Name	L. B. Lankford
Sheet	8	of	8
		Attorney Docket Number	0108236.00136US5

CC6	VERHOEYEN et al., <i>Science</i> , Vol., 239, pp. 1534-156, 1988	
CD6	WANG, Q. et al., "Identification of intact peanut lectin in peripheral venous blood", <i>The Lancet</i> , Vol. 352, pp. 1831-1832, 1998	
CE6	WIMER, B., "Therapeutic activities of PHA-L4, the mitogenic isolectin of phytohemagglutinin", <i>Mol. Biother.</i> , Vol. 2, pp. 74-90, June 1990	
CF6	YOUNG, J. C. et al., "Retention of Quiescent Hematopoietic Cells with High Proliferative Potential During Ex Vivo Stem Cell Culture", <i>Blood</i> , Vol. 87, No. 2, pp. 545-556, 1996	
CG6	YU, et al., "Reversible Inhibition of Proliferation of Epithelial Cell Lines by <i>Agaricus bisporus</i> (edible mushrooms) Lectin", <i>Cancer Res.</i> , Vol. 53, pp. 4627-4632, 1993	
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CK6	ZOLLER, MJ, <i>DNA</i> , Vol. 3, pp. 479-488, 1984	
CL6	ZOLLER, MJ et al., <i>Nucleic Acids Res.</i> , Vol. 10, pp. 6487-6500, 1982	

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				Art Unit	1651
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Sheet	1	of	1	Attorney Docket Number	2000764.00122US5

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS						
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hcl	CA	GREENBERG, P. L., "Immunologic Selection of Hemopoietic Precursor Cells Utilizing Antibody-Mediated Plate Binding", <i>Blood</i> , Vol. 65, pp. 190-197, 1985	
J	CB	KARSUNKY, H., "Flt3 Ligand Regulated Dendritic Cell Development from Flt3+ Lymphoid and Myeloid-committed Progenitors to Flt3+ Dendritic Cells In Vivo", <i>J. Exp. Med.</i> , Vol. 198 (2), pp. 305-313, 2003	
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